

BETA-CAP73 CONTROL OF NORMAL AND ABNORMAL CELL MIGRATION**Abstract of the Disclosure**

5 The invention provides isolated nucleic acids molecules, designated βCAP73 nucleic acid molecules, which encode a novel actin binding protein. The invention also provides antisense nucleic acid molecules, recombinant expression vectors containing βCAP73 nucleic acid molecules, host cells into which the expression vectors have been introduced, and nonhuman transgenic animals in which a βCAP73 gene has been introduced or
10 disrupted. The invention still further provides isolated βCAP73 proteins, fusion proteins, mutant proteins, antigenic peptides and anti-βCAP73 antibodies. Diagnostic and therapeutic methods utilizing compositions of the invention are also provided.